

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/33481

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B05C 3/12, 3/02 ; B32B 31/00

US CL : 118/419, 415, 405, 156/524

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 118/419, 415, 405; 156/524

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
118/413; 156/527, 575Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,249,547 A (TAKEDA et al) 05 October 1993, see Figure 1 and 2 (d).	1 and 4-5
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Y		2-3
Y	US 6,395,089 A (HOUSTON) 28 May 2002, see Figure 2-3, column 3 line 51 to column 4 line 8 and column 4 lineS 14-17.	2-3



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

-A* document defining the general state of the art which is not considered to be of particular relevance

-E* earlier application or patent published on or after the international filing date

-L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

-O* document referring to an oral disclosure, use, exhibition or other means

-P* document published prior to the international filing date but later than the priority date claimed

-T*

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

-X*

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

-Y*

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

-&*

document member of the same patent family

Date of the actual completion of the international search

07 December 2004 (07.12.2004)

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30 DEC 2004

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